

Application or Docket Numb r PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1997 **CLAIMS AS FILED - PART I SMALL ENTITY** OTHER THAN (Column 1) **TYPE OR SMALL ENTITY** (Column 2) **FOR** NUMBER FILED NUMBER EXTRA RATE FEE RATE FEE **BASIC FEE** 395.00 790.00OR **TOTAL CLAIMS** minus 20 = x\$11=x\$22= OR INDEPENDENT CLAIMS minus 3 = x41 =x82 =OR MULTIPLE DEPENDENT CLAIM PRESENT +135= +270= OR f the difference in column 1 is less than zero, enter "0" in column 2 TOTAL **TOTAL** OR **CLAIMS AS AMENDED - PART II OTHER THAN** (Column 1) OR (Column 2) (Column 3) **SMALL ENTITY SMALL ENTITY CLAIMS** HIGHEST REMAINING AMENDMENTA **PRESENT** ADDI-ADDI-NUMBER **AFTER PREVIOUSLY** RATE TIONAL **TIONAL EXTRA RATE** AMENDMENT FEE PAID FOR **FEE** Total Minus x\$11=x\$22= ĎΒ Independent Minus x41 =x82 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= OR +270= TOTAL TOTAL OR ADDIT. FEE Column 2) ADDIT. FEE (Column 1) (Column 3) CLAIMS **HIGHEST** REMAINING ADDI- $\mathbf{\omega}$ ADDI-**NUMBER PRESENT AFTER** RATE TIONAL RATE TIONAL **AMENDMENT** PREVIOUSLY **EXTRA** AMENDMENT FEE PAID FOR FEE Total Minus x\$11=x\$22=**OR** *** Independent Minus x41 =OR x82 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +135= OR +270= TOTAL TOTAL OR ADDIT. FEE ADDIT. FEE (Column 1) (Column 2) (Column 3) **CLAIMS HIGHEST** REMAINING ADDI-ADDI-**NUMBER PRESENT AFTER** RATE TIONAL RATE **TIONAL AMENDMENT PREVIOUSLY EXTRA** FEE **FEE** AMENDMENT PAID FOR Total Minus x\$11=OR x\$22= Independent *** Minus x41 =OR x82 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +270= +135= If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. TOTAL ADDIT. FEE

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PATENT APPLICATION FEE DETERMINATION RECORD Eff ctive, 1998 File Date 3-4-99											
			AS FILED -		ENTITY	OR	OTHE	R THAN ENTITY			
FOF	1		ER FILED	NUMBER	EXTRA	RATE	FEE	1	RATE	FEE	
BAS	IC FEE						200:00	-			
TOT	AL CLAIMS	60	2 minus	20 = *	<u></u>	x\$ 9=	380°°		V10	760.00	
INDE	PENDENT CL	AIMS) minu	15 3 =	7	×39=	-	OR	x/8=	246	
MUL.	TIPLE DEPEND	ENT CLAIM PRE	SENT					OR	× 78	346	
* 11 tt	ne difference in co	olumn 1 is less than:	zero, enter "0" i	n column 2		+130=		OR	+260=		
				• •		TOTAL		OR	TOTAL	Obal	
	,	(Column 1)	* * * * * * * * * * * * * * * * * * * *	(Column 2)	(Column 3)	SMALL	. ENTITY	OR		R THAN ENTITY	
AMENDMENT	G	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDN	Total	**************************************	Minus	" b7	= 0	x 9 =		OR	x /8 =	180	
AME	Independent	. 10	Minus	" D	=	×39=		OR	× 78=	10	
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+/30=		OR	+260=		
						TOTAL ADDIT. FEE		OR	TOTAL ODIT, FEE	1802	
INT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
AMENDMEN	Total	•	Minus	**	=	x\$ 9 =		OR	x:/8=		
AME	Independent	•	Minus	***	=	×39=		OR	× 78'=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+/30=		OR	+260=		
		(Column 1)		(Column 2)	(Column 3)	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE		
AMENDMENT	- T	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
	Total	•	Minus	**	=	x\$9=		OR	x\$/8=		
AME	Independent	ė	Minus	***	=	×39=		OR	×78=		
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM							OR	+240=		
"If the entry in column 1 is less than the entry in column 2, write "0" in column 3. "If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." The "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 2.											

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Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 1995

CLAIMS AS FILED - PART I (Column 1) (Column 2)							SMALL ENTITY			OTHER SMALL	R THAN ENTITY
FOR	FOR NUMBER FILED NUMBER EXTRA						RATE	FEE		RATE	FEE
BASIC FEE								375.00	OR		750.00
TOTAL CLAIMS							x\$11=		OR	x\$22=	284
INDE	PENDENT CLA	IMS	minu	s 3 = *		П	x39=		OR	x78=	RIV
MULT	IPLE DEPEND		+125=		OR	+250=	142.				
* If th	e difference in col	lumn 1 is less than z	ero, enter "0" ir	n column 2		Į	TOTAL			TOTAL	1001
		CLAIMS AS A	MENDED	_ DADT II					OR	•	
		(Column 1)	AMIENDED	(Column 2)	(Column 3)	_	SMALL	ENTITY	OR		R THAN ENTITY
INT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE	(RATE	ADDI- TIONAL FEE
AMENDMENT	Total	. 49	Minus	" 33	= 10		x\$11=	(,)		\x\$22=	22000
ME	Independent	• 14	Minus	*** 9	= 5	\mathbb{N}	39€		OR	x78=	40000
٧	FIRST PRES	SENTATION OF	TATION OF MULTIPLE DEPENDENT CLAIM				+ 25=		OR	+250=	
			1		(0-1 0)	^	TOTAL DDW. FEE		OR	TOTAL ADDIT. FEE	62000
ENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
ENDMENT	Total	. 35	Minus	" 43	= '		x\$11=		OR	x\$22=	
	Independent	. 14	Minus	14	= -		x39=	<u> </u>	OR	× 8 €	
AN	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM						+125=		OR	+250=	_
		(Column 1)		(Column 2)	(Column 3)	^	TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	
ENT C	C	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DME	Total	. 14	Minus	- 43	=		x\$11=		OR	x\$22=	
AMENDMENT	Independent	· 2	Minus	14	=		x39=		OR	x78=	
٨	FIRST PRE		+125=		OR	+250=					
** If	If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The "Highest Number Previously Paid For" (Total or Independent) is the highest number to the						TOTAL ADDIT. FEE in the appro	priate box in		TOTAL ADDIT. FEE 1.	

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PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 1994 Application of Docket N 0 8/520											
CLAIMS AS FILED - PART I (Column 1) (Column 2)							LL E	ENTITY	OR	OTHER SMALL	
FOR NUMBER F			R FILED	NUMBER	RATI		FEE		RATE	FEE	
BASIC	FEE		A COLUMN TO STATE OF THE STATE				365.00	OR		730.00	
TOTAL CLAIMS		3	2 minus	20 = *	3	x\$11	=		OR	x\$22=	286
INDE	PENDENT CLA	ims C	minus	s 3 = *	Q	x38	=		OR	x76=	456
MULT	IPLE DEPEND	ENT CLAIM PRES	SENT			+120	=		OR	+240=	.,
* If the	e difference in col	lumn 1 is less than z	ero, enter "0" in	column 2		TOTA	L L		OR	TOTAL	1477
		CLAIMS AS A	AMENDED	- PART II (Column 2)	(Column 3)	SM	ALL	ENTITY	OR		R THAN ENTITY
ENT A		CLAIMS REMAINING AFTER & AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	E :	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
MQI	Total	*	Minus	**	=	x\$11	=		OR	x\$22=	
AMENDMENT	independent	•	Minus	***	=	x38	=		OR	x76=	
٧	FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT CL	AIM	+120)=		OR	+240=	
							TAL		OR	TOTAL ADDIT. FEE	
NT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
DM	Total	•	Minus	**	=	x\$1	l=		OR	x\$22=	
AMENDME	Independent	*	Minus	***	=	x38	=		OR	x76=	
┫	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM					+120)=		OR	+240=	·
	€° Solar (i	(Column 1)	ৰীজন হ ব্ৰী,- ∱	(Column 2)	(Column 3)	TO ADDIT.	TAL EE		OR	TOTAL ADDIT. FEE	
ENTC		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RAT	Ε	ADDI- TIONAL FEE	- 2	RATE	ADDI- TIONAL FEE
₩ M	Total	•	Minus	**	= .	x\$1	l=		OR	x\$22=	
AMENDMENT	Independ nt		Minus	***	=	x38	=		OR	x76=	
A	FIRST PRE	+120)=		OR	+240=					
*** If	 If the entry in column 1 is less than the entry in column 2, write "0" in column 3. If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." If the Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." The Highest Number Previously Paid For" (Total or Independent) is the highest number for 							riate box in		TOTAL ADDIT. FEE I.	

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Application or Docket Number

PATENT APPLICATION FEE DETERMINATION RECORD

	PATENT APPLICATION FEE DETERMINATION RECORDS Effective October 1, 1997												
r			CLAIMS.AS	AMENDED	- PART II (Column 2)	(Column 3)	SMA	LL ENTI	TY (OR	OTHER SMALL	THAN	
AMENDMENT			CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADI TION FE	NAL		RATE	ADDI- TIONAL FEE	
		Total	• 72	Minus	·· 20	=52	x. 9	=		OR	×/8=	BOD	
		Independent	· ID	Minus	 3	=)	×.39	= -		OR,	×78=	ALPO	1
ſ		FIRST PRES	SENTATION OF	MULTIPLE	DEPENDENT CL	AIM '	+130	=		OR	+260=		þ
Γ							TO	TOTAL ADDIT. FEE OR ADDIT. FEE					
-					· · · · · · · · · · · · · · · · · · ·					OR	OTHE	R THAN ENTITY	1
- -	N N	H	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RAT	E TIC	DDI- DNAL EE		RATE	ADDI- TIONAL FEE	1
	AMENDMENT	Total	. 72	Minus	·· 72 ·	E -	× 9	=	·	OR	× /8 =]
	MEN	Independent	. 10	Minus	10	=	×3	ſ=		OR	× 78=		
	A	FIRST PRE	SENTATION O	F MULTIPLE	DEPENDENT C	LAIM	+/3	0=		OR	til0=		
	,		(Column 1)	•	(Column 2)	(Column 3)	ADDIT	FEE		OR	ADDIT. FEE		
- <u>+</u>	L F	卫	CLAIMS REMAINING AFTER AMENDMEN		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RA	TE TI	ADDI- ONAL FEE		RATE	ADDI- TIONA FEE	
	DMENT	Total	. 72	Minus	" 72	s '	x\$	9=	. [OR	×/8=	<u> </u>	
	AMENI	Independer	nt • : /0	Minus	··· 10	=	X	9=		OF	×.78=		_
	A	FIRST PR	ESENTATION (OF MULTIPL	E DEPENDENT (CLAIM] +//	30=		OF	+260	=	
			(Column 1)		(Column 2)	(Column 3)	ADDI	T. FEE	ι.	OF	ADDIT. F		_
- 0-2	Į.	ゴ	CLAIMS REMAININ AFTER AMENDME	G	HIGHEST NUMBER PREVIOUSL PAID FOR	PRESENT EXTRA	F		ADDI- TIONAL FEE	-	RATE	ADD TION FEI	Al
	AMENDMENT	Total	. 48	Minus	" 72	= 10	×	\$9=	•	<u></u>]。	R x\$/8	- 760	9
	NEN	Independe	ent • 9	Minus	10	E .] [39=]。	R ×78	4	_
	3	FIRST PI			LE DEPENDENT	بصبيح المستحدي		130=] o	R +240		7 .
	:				column 2, write "0" in THIS SPACE is less THIS SPACE is less			TOTAL OIT, FEE	date how		H ADDIT.	TAL 108	
	يا	The "Highest Pay		rais For (lot	al or independent) is	420.67180104	Pelent	and Trades	nerk Offic	e, U.S.	DEPARTME	NT OF COM	ΛE